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## REMARKS/ARGUMENTS

The Examiner is thanked for the review of the application as set forth in the outstanding office action. Reconsideration of the application in view of the foregoing amendments and the following discussion is respectfully requested.

In the outstanding office action, Claims 10-19 have been allowed. Claims 2-9 stand objected to as depending from a rejected base claim, but are indicated as allowable if rewritten in independent form. The Examiner is thanked for the indication of allowable subject matter.

Withdrawn Claims 20-27 have been canceled without prejudice.

Claims Rejections – 35 USC 102

Claim 1 stand rejected as being anticipated by Cordano et al. ("Cordano"). This rejection is respectfully traversed on the grounds that the applied reference does not describe each limitation of the rejected claim, and a *prima facie* case of anticipation has not been established.

Claim 1 is drawn to a processor-readable medium comprising processor-executable instructions configured for:

"scanning a reference pattern on a disc to create a table of coordinate data; and

calibrating the gain of a fine actuator based on the table of coordinate data."

The Examiner asserts that:

"Cordano discloses a disc provided with a reference pattern (col 2 lines 59-60); digital data is recorded on, or reproduced from a pattern of a plurality of concentric data tracks on the disk, each of the tracks located at a radial distance from a reference point

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on the disk and an address register responsive to the address data from the data processing system provides digitally encoded electrical signals representing desired track addresses for the data transducer assembly (col 3 line 69 – col 4 line 6), i.e. creating a table of coordinate data from a scanned reference pattern; binary address desired for the transducer are used to control a comparator system for the correction of transducer position (col 3 lines 20-25), i.e. calibrating the gain of a fine actuator based on the coordinate data. See also figure 1."

The applicant respectfully disagrees with the Examiner's assertion that Cordano anticipates the subject matter of Claim 1. Cordano does not describe either element of Claim 1. The passage first referenced by the Examiner, 2:59-60, describes that the disk is provided with a reference pattern. However, the reference pattern is not scanned to create a table of coordinate data. Rather, the reference pattern is used in a closed loop servo system to generate signals representing the instantaneous actual radial position of the data transducer 12. See, e.g., 4:6-9 and 5:20-67. The address register 18 referred to at 4:3-6 is responsive to the address data from the data processing system 16 to provide digitally encoded electrical signals representing desired track addresses for the data transducer 12. The address data from the data processing system is not the result of scanning the reference pattern, but is the desired track address. This is clearly shown in FIG. 1. The signals resulting from scanning the reference pattern are used to generate error signals in the closed loop servo system, i.e. at 90 and 76 in FIG. 1, and not to create a table of coordinate data.

Nor does Cordano describe that the gain of a fine actuator is calibrated based on the table of coordinate data, since no table of coordinate data is generated by scanning the reference pattern. Further, the Examiner's assertion that "binary address desired for the transducer are used to control a comparator system for the correction of transducer position (col 3 lines 20-25), i.e. calibrating the gain of a fine actuator based on the coordinate data" is not commensurate with the claim limitations. The binary addresses are provided by the data processing system 16, not from the scanning of the reference pattern, as described above.

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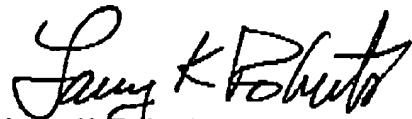
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To anticipate a claim, the reference must teach each element of the claim. The elements must be arranged as required by the claim. MPEP 2131. As pointed out above, however, Cordano does not describe each claim element, and certainly does not arrange the elements as required by the claim. In view of this, a prima facie case of anticipation has not been established, and the rejection of Claim 1 should be withdrawn.

Conclusion:

The outstanding rejection has been addressed, the withdrawn claims have been canceled without prejudice, and the application is in condition for allowance. Such favorable reconsideration is solicited.

Respectfully submitted,



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